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What is claimed is:

- 1 **SUBA** 1. A method for managing a scheduling system, comprising the steps of:
- 2 receiving information about an appointment from a user;
- 3 receiving information about an attendee associated with the appointment, including
- 4 attendee notification information;
- 5 determining meeting status information; and
- 6 automatically generating an attendee notification message using the attendee notification
- 7 information based on the meeting status information.
- 8
- 9 2. The method of claim 1, wherein the meeting status information indicates if the user
- 10 will be late for the appointment, said step of automatically generating an attendee notification
- 11 message is performed when the meeting status indication information indicates that the user will
- 12 be late for the appointment.
- 13
- 14 3. The method of claim 2, wherein the attendee notification information is a telephone
- 15 number and said step of generating is performed by generating an audio message.
- 16
- 17 4. The method of claim 2, wherein the attendee notification information is an electronic
- 18 mail address and said step of generating is performed by generating an electronic mail message.

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1 5. The method of claim 2, wherein said step of determining is based on information
2 received from a computer through a communication network.

1 6. The method of claim 2, wherein said step of determining is based on information
2 received from a telephone through a communication network.

1 7. The method of claim 2, wherein said step of determining is based on information
2 received from a wireless device through a communications network.

3 8. The method of claim 2, wherein the information about the appointment includes
4 appointment time information and appointment location information, and wherein said step of
5 determining comprises:

6 receiving user location information; and

7 deciding if the user will be late for the appointment based on the appointment time
8 information, the appointment location information, the user location information and a time
9 associated with the user location information.

1 9. The method of claim 8, wherein said step of deciding comprises:

2 calculating a travel distance based on the appointment location information and the user
3 location information;

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4 calculating a time of arrival based on the time associated with the user location
5 information, the travel distance and a travel velocity; and
6 comparing the calculated time of arrival with the appointment time information.

1 10. The method of claim 9, further comprising the steps of:
2 receiving map information from a mapping database; and
3 adjusting the travel distance based on the appointment location information, the user
4 location information, and the map information.

5 11. The method claim 9, further comprising the steps of:
6 receiving environment information; and
7 adjusting the travel velocity based on the environment information.

8 12. The method of claim 5 wherein said steps of receiving can be performed from
9 multiple access devices.

1 13. The method of claim 2, further comprising the step of:
2 sending the attendee notification message to the attendee.

3 SUB 14. The method of claim 13, further comprising the step of:
4 receiving an attendee response from the attendee.

1 15. The method of claim 9, wherein said step of comparing is performed by comparing
2 the calculated time of arrival with the appointment time information and a predetermined fixed
3 period of time.

1 *Sub P3* 16. A scheduling system, comprising:
2 a scheduler database for storing information about an appointment and information about
3 an attendee associated with the appointment, including attendee notification information; and
4 a scheduling unit coupled to said scheduler database and configured to determine if a user
5 will be late for the appointment, said scheduling unit being further configured to send an attendee
6 notification message to the attendee using the attendee notification information when the user
7 will be late for the appointment.

17. An apparatus to manage a scheduling system, comprising:
2 means for receiving information about an appointment from a user;
3 means for receiving information about an attendee associated with the appointment,
4 including attendee notification information;
5 means for determining if the user will be late for the appointment; and
6 means for sending an attendee notification message to the attendee using the attendee
7 notification information when the user will be late for the appointment.

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1 18. An article of manufacture comprising a computer-readable medium having stored
2 thereon instructions adapted to be executed by a processor, the instructions which, when
3 executed, define a series of steps to manage a scheduling system, said steps comprising:

4 receiving information about an appointment from a user;
5 receiving information about an attendee associated with the appointment, including
6 attendee notification information;

7 determining if the user will be late for the appointment; and
8 sending an attendee notification message to the attendee using the attendee notification
9 information when the user will be late for the appointment.

10 19. A method for managing a scheduling system, comprising the steps of:
11 receiving information about an appointment, including appointment time information and
12 appointment location information, from a user;

13 receiving user location information; and
14 determining if the user will be late for the appointment based on the user location
15 information, the appointment location information, the appointment time information and a time
16 associated with the user location information.

17 20. The method of claim 19, wherein said step of determining comprises the steps of:
18 calculating a travel distance between the appointment location and the user location based
19 on the appointment location information and the user location information;

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4 calculating a time of arrival based on the time associated with the user location
5 information, the travel distance and a travel velocity; and
6 comparing the calculated time of arrival with the appointment time information.

1 21. The method of claim 19, wherein the user location information is generated by a
2 global positioning satellite receiver.

3 22. The method of claim 19, wherein the user location information is calculated from an
4 automatic number identification number.

5 23. The method of claim 19, wherein the user location information is received through a
6 communication network.

7 24. The method of claim 20, further comprising the steps of:
8 receiving map information from a mapping database; and
9 adjusting the travel distance based on the appointment location information, the user
10 location information, and the map information.

1 25. The method claim 20, further comprising the steps of:
2 receiving environment information; and
3 adjusting the travel velocity based on the environment information.

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1 26. The method of claim 25, wherein the environment information is weather
2 information.

1 27. The method of claim 25, wherein the environment information is traffic information.

1 28. The method of claim 25, wherein the environment information is airline information.

29. A scheduling system, comprising:
a scheduler database for storing information about an appointment, including
appointment time information and appointment location information;
a location determination unit configured to output user location information; and
a scheduling unit coupled to said scheduler database and said location determination unit,
said scheduling unit being configured to determine if a user will be late for the appointment
based on the user location information, the appointment location information, the appointment
time information and a time associated with the user location information.

30. An apparatus to manage a scheduling system, comprising:
means for receiving information about an appointment, including appointment time
information and appointment location information, from a user;
means for receiving user location information; and

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5 means for determining if the user will be late for the appointment based on the user
6 location information, the appointment location information, the appointment time information
7 and a time associated with the user location information.

1 31. An article of manufacture comprising a computer-readable medium having stored
2 thereon instructions adapted to be executed by a processor, the instructions which, when
3 executed, define a series of steps to manage a scheduling system, said steps comprising:
4 receiving information about an appointment, including appointment time information and
5 appointment location information, from a user;
6 receiving user location information; and
7 determining if the user will be late for the appointment based on the user location
8 information, the appointment location information, the appointment time information and a time
9 associated with the user location information.

1 32. A method for managing a scheduling system, comprising the steps of:
2 determining meeting status information based on information about an appointment and
3 information about a user; and
4 automatically generating an attendee notification message, using stored attendee
5 notification information, based on the meeting status information.